

MAR 29 2002

Sheet 1 of 3

Substitute Form PTO-1449 (Modified)
U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
08935-248001Application No.
10/022,272**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Paul A. Christian et al.Filing Date
December 20, 2001Group Art Unit
1745RECEIVED
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TC 1700**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
HC	AA	3,853,623	Dec. 10, 1974	Davis			
HC	AB	3,899,350	Aug. 12, 1975	Jackovitz <i>et al.</i>			
HC	AC	3,911,094	Oct. 7, 1975	Megahed <i>et al.</i>			
HC	AD	4,074,030	Feb. 14, 1978	Ruben			
HC	AE	4,078,127	Mar. 7, 1978	Megahed <i>et al.</i>			
HC	AF	4,224,392	Sep. 23, 1980	Oswin			
HC	AG	4,546,058	Oct. 8, 1985	Charkey <i>et al.</i>			
HC	AH	4,605,604	Aug. 12, 1986	Pollack <i>et al.</i>			
HC	AI	4,663,256	May 5, 1987	Corrigan			
HC	AJ	4,844,948	Jul. 4, 1989	Nakahori <i>et al.</i>			
HC	AK	5,336,276	Aug. 9, 1994	Pensabene <i>et al.</i>			
HC	AL	5,348,822	Sep. 20, 1994	Ovshinsky <i>et al.</i>			
HC	AM	5,453,336	Sep. 26, 1995	Adler <i>et al.</i>			
HC	AN	5,494,763	Feb. 27, 1996	Behl <i>et al.</i>			
HC	AO	5,508,121	Apr. 16, 1996	Sawa			
HC	AP	5,514,497	May 7, 1996	Furukawa			
HC	AQ	5,567,549	Oct. 22, 1996	Ovshinsky <i>et al.</i>			
HC	AR	5,569,562	Oct. 29, 1996	Glemser <i>et al.</i>			
HC	AS	5,620,813	Apr. 15, 1997	Lee <i>et al.</i>			
HC	AT	5,691,086	Nov. 25, 1997	Baba <i>et al.</i>			
HC	AU	5,744,259	Apr. 29, 1998	Ohta <i>et al.</i>			
HC	AV	5,744,266	Apr. 28, 1998	Nunome <i>et al.</i>			
HC	AW	5,759,718	Jun. 2, 1998	Yao <i>et al.</i>			
HC	AX	5,928,714	Jul. 27, 1999	Nunome <i>et al.</i>			
HC	AY	5,948,564	Sep. 7, 1999	Ovshinsky <i>et al.</i>			
HC	AZ	5,958,621	Sep. 28, 1999	Kao			
HC	AAA	6,007,946	Dec. 28, 1999	Yano <i>et al.</i>			

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Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)



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		Applicant Paul A. Christian et al.	
		Filing Date December 20, 2001	Group Art Unit 1745

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U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
MC	ABB	6,013,390	Jan. 11, 2000	Kimiya <i>et al.</i>			
MC	ACC	6,020,088	Feb. 1, 2000	Singh			
MC	ADD	6,042,753	Mar. 28, 2000	Izumi <i>et al.</i>			
MC	AEE	6,083,642	Jul. 4, 2000	Kato <i>et al.</i>			
MC	AFF	6,162,561	Dec. 19, 2000	Wang <i>et al.</i>			
MC	AGG	6,177,213 B1	Jan. 23, 2001	Fetcenko <i>et al.</i>			
MC	AHH	6,225,004 B1	May 1, 2001	Hayashi			
MC	AII	6,261,720 B1	Jul. 17, 2001	Kimiya <i>et al.</i>			
MC	AJJ	6,265,105 B1	Jul. 24, 2001	Tokuda <i>et al.</i>			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
MC	AGG	1,124,299	Aug. 21, 1968	GREAT BRITAIN				
MC	AHH	339995	Jun. 21, 1972	RUSSIA			X (abstract only)	
MC	AII	48-2384	Jan. 24, 1973	JAPAN			X (abstract only)	
MC	AJJ	56-145668	Nov. 12, 1981	JAPAN			X (abstract only)	
MC	AKK	60143569 A	Jun. 29, 1985	JAPAN			X (abstract only)	
MC	ALL	61-158667	Jun. 7, 1986	JAPAN			X (abstract only)	
MC	AMM	6318751 A	Aug. 3, 1988	JAPAN			X (abstract only)	
MC	ANN	01059766 A	Mar. 7, 1989	JAPAN			X (abstract only)	
MC	AOO	03055758 A	Mar. 11, 1991	JAPAN			X (abstract only)	
MC	APP	04366553 A	Dec. 18, 1992	JAPAN			X (abstract only)	
	AQQ	0575750 A2	Dec. 29, 1993	EUROPE				
MC	ARR	WO 00/14818	Mar. 16, 2000	WIPO				
MC	ASS	WO 00/21151	Apr. 13, 2000	WIPO				
MC	ATT	1 103 526	May 30, 2001	EUROPE			X (abstract only)	

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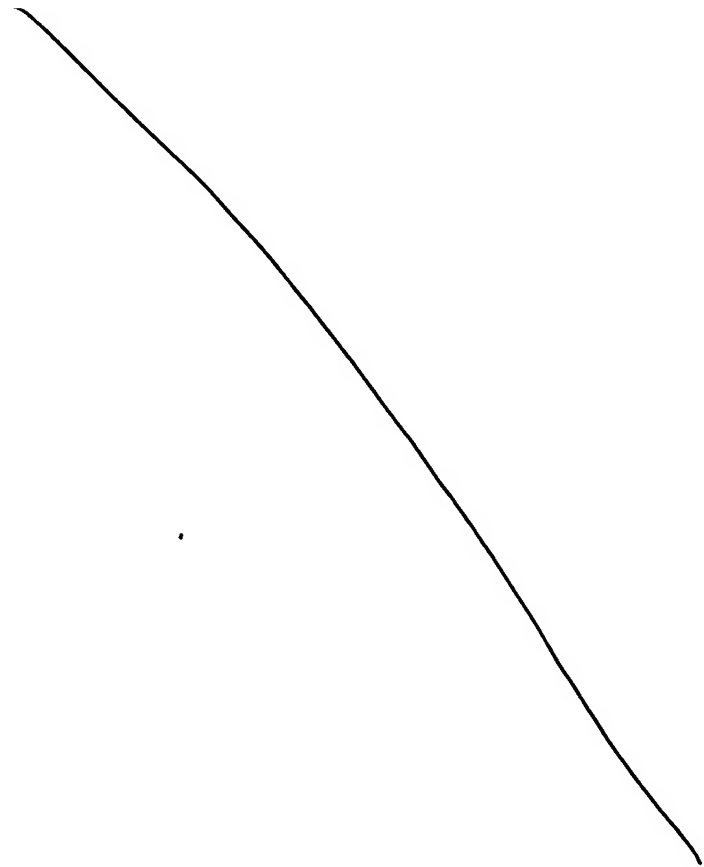


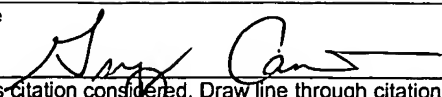
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
MC	AUU	1 148 029 /	Oct. 24, 2001	EUROPE				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
MC	AVV	Hayashi <i>et al.</i> , U.S. Patent Application Publication, Pub. No. US 2001/0044050, Published 11/22/2001.
MC	AWW	Ohta <i>et al.</i> , U.S. Patent Application Publication, Pub. No. US 2001/0018148, Published 8/30/2001.



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Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<i>gc</i>	AA	Takagishi, H. <i>et al.</i> , "Alkaline Manganese Battery: Characteristics of the Electrode Which Uses a Mixture of Oxides Consisting Mainly of Manganese Dioxide," Manganese Dioxide Symposium, Vol. 2, pp. 486-496, (1980).
<i>gc</i>	AB	Takeda, K. <i>et al.</i> , "Optimization of the Amount of Additives to AgO Cathodes on High-Drain Pulse Performance of Zn/AgO Cells," Journal of The Electrochemical Society, 148 (1), pp. A44-A48, (2001).
<i>gc</i>	AC	Megahed, S. A. <i>et al.</i> , "Stable γ NiOOH/Zn Button Cells for Electronic Applications," Progress in Batteries and Solar Cells, Vol. 3, pp. 54-57, (1980).
<i>gc</i>	AD	Megahed, S. A. <i>et al.</i> , "Sealed Nickel-Zinc Cells Using Stable Nickelic Oxyhydroxide Depolarizer," Proceedings of the Symposium on Battery Design and Optimization, The Electrochemical Society, Inc., S. Gross, Ed., Vol. 79, No. 1, pp. 259-282, (1979).

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